

2010 VIERA® S2 Series Plasma



1080 TV LINES MOVING PICTURE RESOLUTION

The ultimate picture resolution, all the time.



VIERA IMAGE VIEWER™ PHOTO

Enjoy your photos on the big screen.

CLEAN TOUCH BEZEL DESIGN

Keeps your TV bezel looking crisp and clean with new smudge-resistant finish.

- 600Hz Sub-field Drive
- 2,000,000:1 Native Contrast
- Anti-Reflective Filter
- VIERA Link™
- ENERGY STAR 4.0
- Mercury- and Lead-Free Panel

Panasonic VIERA

2010 VIERA® S2 Series PLASMA Specifications

2010 Plasma Specifications (America)		TC-P65S2	TC-P58S2	TC-P54S2	TC-P50S2	TC-P46S2	TC-P42S2
VIDEO							
Screen Size Diagonal (inches)		64.7	58.0	54.1	49.9	46.0	41.6
Aspect Ratio		16:9	16:9	16:9	16:9	16:9	16:9
Number of Pixels		2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)
Moving Picture Resolution		1080 lines	1080 lines	1080 lines	1080 lines	1080 lines	1080 lines
Contrast Ratio		2,000,000:1 Native	2,000,000:1 Native	2,000,000:1 Native	2,000,000:1 Native	2,000,000:1 Native	2,000,000:1 Native
Shades of Gradation		6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 equivalent
HDTV Display Capability (1080p, 1080i, 720p)		Y	Y	Y	Y	Y	Y
EDTV Display Capability (480p)		Y	Y	Y	Y	Y	Y
Aspect Control		Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill
Full HD 3D		—	—	—	—	—	—
AR (Anti-Reflective) Filter		Y	Y	Y	Y	Y	Y
600Hz Sub-field Drive		Y	Y	Y	Y	Y	Y
24p Cinematic Playback		—	—	—	—	—	—
24p Playback (2:3)		Y	Y	Y	Y	Y	Y
Deep Color		Y	Y	Y	Y	Y	Y
x.v.Color		Y	Y	Y	Y	Y	Y
THX® Mode		—	—	—	—	—	—
ISFccc		—	—	—	—	—	—
Studio Ref Mode		—	—	—	—	—	—
Pro Setting		—	—	—	—	—	—
3D Color Management		Y	Y	Y	Y	Y	Y
Sub Pixel Control		—	—	—	—	—	—
Motion Pattern Noise Reduction		Y	Y	Y	Y	Y	Y
AUDIO							
Speakers		Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)
Number of Speakers		2	2	2	2	2	2
Audio Output		20 W (10% THD)	20 W (10% THD)	20 W (10% THD)	20 W (10% THD)	20 W (10% THD)	20 W (10% THD)
BBE® VIVA HD3D Sound		—	—	—	—	—	—
Surround Sound		Y	Y	Y	Y	Y	Y
JACKS							
Integrated ATSC Tuner		Y	Y	Y	Y	Y	Y
VIERA Image Viewer™		Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)
HDMI Input		3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)
Support Feature		Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)
USB		—	—	—	—	—	—
Analog Audio Input (for HDMI/DVI)		Y	Y	Y	Y	Y	Y
Composite Video Input		2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
Audio Input (for Video)		2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
PC Input		—	—	—	—	—	—
Component Video Input (Y, Pb, Pr)		2	2	2	2	2	2
Audio Input (for Component Video)		2	2	2	2	2	2
LAN Port		—	—	—	—	—	—
RS232C		—	—	—	—	—	—
Digital Audio Output (Optical)		1	1	1	1	1	1
CONVENIENCE							
VIERA Link™		Y	Y	Y	Y	Y	Y
VIERA CAST™(IPTV)		—	—	—	—	—	—
Skype™ Ready		—	—	—	—	—	—
VIERA Tools		Y	Y	Y	Y	Y	Y
Game Mode		Y	Y	Y	Y	Y	Y
3D Active Shutter Eyewear		—	—	—	—	—	—
Clean Touch Bezel		—	—	Y	Y	Y	Y
Pixel Orbiter (Anti-Image Retention)		Y	Y	Y	Y	Y	Y
Trilingual Menu (English/Spanish/French)		Y	Y	Y	Y	Y	Y
Built-In Closed Caption Decoder		Y	Y	Y	Y	Y	Y
Off-Timers		Y	Y	Y	Y	Y	Y
GENERAL							
Power Supply		AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz
Rated Power Consumption				459 W	353 W	331 W	298 W
Standby Power Consumption				0.3 W	0.3 W	0.3 W	0.3 W
On Mode Average Power Consumption							
ENERGY STAR		Y	Y	Y	Y	Y	Y
Receiving System		ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Dimensions with Stand	Height [inches (mm)]	40.0" (1,016 mm)	36.8" (933 mm)	34.8" (882 mm)	32.2" (817 mm)	30.4" (771 mm)	27.8" (704 mm)
	Width [inches (mm)]	62.0" (1,574 mm)	56.1" (1,424 mm)	51.7" (1,313 mm)	48.0" (1,218 mm)	44.6" (1,132 mm)	40.6" (1,029 mm)
	Depth [inches (mm)]	16.4" (415 mm)	15.3" (387 mm)	15.3" (387 mm)	14.1" (357 mm)	14.1" (357 mm)	12.1" (307 mm)
Dimensions w/o Stand	Height [inches (mm)]	38.0" (965 mm)	34.8" (882 mm)	32.8" (832 mm)	30.3" (769 mm)	28.5" (722 mm)	26.1" (661 mm)
	Width [inches (mm)]	62.0" (1,574 mm)	56.1" (1,424 mm)	51.7" (1,313 mm)	48.0" (1,218 mm)	44.6" (1,132 mm)	40.6" (1,029 mm)
	Depth [inches (mm)]	4.2" (105 mm)	4.1" (104 mm)	3.8" (94 mm)	3.7" (93 mm)	3.7" (93 mm)	3.7" (93 mm)
Weight with Stand [lbs. (kg)]				86.0 lbs. (39.0 kg)	70.6 lbs. (32.0 kg)	64.0 lbs. (29.0 kg)	55.2 lbs. (25.0 kg)
Weight w/o stand [lbs. (kg)]				79.4 lbs. (36.0 kg)	66.2 lbs. (30.0 kg)	59.6 lbs. (27.0 kg)	50.7 lbs. (23.0 kg)
Operating Temperature		32°F – 104°F (0°C – 40°C)	32°F – 104°F (0°C – 40°C)	32°F – 104°F (0°C – 40°C)	32°F – 104°F (0°C – 40°C)	32°F – 104°F (0°C – 40°C)	32°F – 104°F (0°C – 40°C)
Safety Standard		UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL
Carton Dimensions	Height [inches (mm)]	47.2" (1,197 mm)	39.9" (1,013 mm)	36.9" (936 mm)	34.4" (872 mm)	32.6" (826 mm)	30.2" (767 mm)
	Width [inches (mm)]	68.1" (1,728 mm)	62.0" (1,573 mm)	57.6" (1,461 mm)	53.0" (1,345 mm)	49.6" (1,259 mm)	45.6" (1,156 mm)
	Depth [inches (mm)]	15.8" (400 mm)	13.1" (332 mm)	13.1" (332 mm)	11.2" (284 mm)	11.2" (284 mm)	11.2" (284 mm)
Gross Weight [lbs. (kg)]				101.4 lbs. (46 kg)	88.2 lbs. (40 kg)	77.2 lbs. (35 kg)	70.5 lbs. (32 kg)
Swivel Angle		—	—	—	—	—	—
Optional Wall-Mounting Bracket Model Numbers		TY-WK6P1RW	TY-WKSP1RW	TY-WKSP1RW	TY-WK4P1RW	TY-WK4P1RW	TY-WK4P1RW